

Converting Colors

CIELCh(74, 32.070, 65.786)

Have a look what the booklet for
CIELCh(74, 32.070, 65.786) contains.

CIELCh(74, 32.112, 65.766)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 32.112, 65.766)

Conversions

Conversions Part 1

Format	Color
Hex	DFAC81
RGB	223, 172, 129
RGB Percent	87%, 67%, 51%
CMY	0.1260, 0.3260, 0.4946
CMYK	0.00, 0.23, 0.42, 0.13
HSL	27°, 59%, 69%
HSV	27°, 42%, 87%
XYZ	49.0710, 46.7039, 27.1548
YIQ	182.3470, 44.1990, -2.5610

Conversions

Conversions Part 2

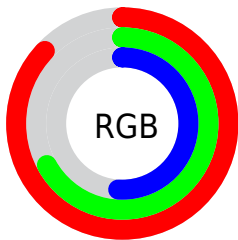
Format	Color
RYB	223, 208, 129
Decimal	14658689
CIELab	74.00, 13.18, 29.28
CIELCh	74, 32.112, 65.766
Yxy	46.7039, 0.3992, 0.3799
Android (android.graphics.Color)	4292848769 (0xFFDFAC81)
YUV	182.3470, -26.3001, 35.6527
Hunter-Lab	68.3403, 8.5745, 24.2795

Details

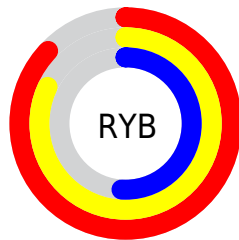
The CIELCh color **74, 32.112, 65.766** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 27.491, 257.924**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 25.710, 83.120**, and **54, 32.251, 66.096** is the 20% darker color. If you saturate the color by 10%, you get **71, 40.798, 64.625**, and if you desaturate by 10%, it is **77, 23.829, 66.924**.

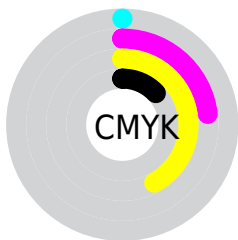
Distribution



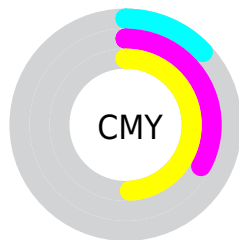
- Red (87%)
- Green (67%)
- Blue (51%)



- Red (87%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (42%)
- Black (13%)



- Cyan (13%)
- Magenta (33%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 32.112, 65.766 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 74, 32.112, 65.766 by changing the saturation by 10% instead.

 74, 32.112, 65.766

 74, 32.112, 65.766


 100, 32.112,
65.766


 64, 32.112, 65.766

 94, 32.112, 65.766

 54, 32.112, 65.766

 44, 32.112, 65.766


 34, 32.112, 65.766

 24, 32.112, 65.766

 14, 32.112, 65.766

 4, 32.112, 65.766

 0, 32.112, 65.766

 74, 32.112, 65.766

 74, 32.112, 65.766

71, 40.798, 64.625

77, 23.829, 66.924

68, 49.789, 63.463

81, 15.974, 68.081

65, 58.836, 62.224

84, 8.533, 69.224

62, 67.403, 60.752

88, 1.477, 70.139

59, 74.519, 58.740

92, 5.231, 251.659

57, 78.729, 56.729

95, 8.985, 236.417

98, 10.872,
198.780

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74, 32.112, 65.766



71, 27.491, 257.924

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 32.112, 65.766



74, 32.112, 115.766



74, 32.112, 245.766



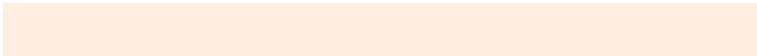
74, 32.112, 295.766

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74, 32.112, 65.772



95, 10.193, 69.119



65, 44.339, 345.047



50, 7.175, 68.867



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 32.112, 65.772



80, 44.398, 64.715



86, 45.716, 103.831



45, 3.974, 69.525



46, 65.714, 57.374



11, 19.706, 55.484

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71, 27.491, 257.924



77, 36.586, 260.386



59, 50.548, 294.085



45, 3.862, 251.925



40, 49.998, 279.389



9, 17.666, 269.747

Previews

White Background



This preview shows how the CIELCh color 74, 32.112, 65.766 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 74, 32.112, 65.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

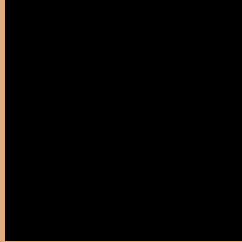
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 32.112, 65.766

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.112, 65.766.



This preview shows how white text looks on a background with the CIELCh color 74, 32.112, 65.766.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74, 32.112, 65.766

Protanopia

74, 26.900, 95.216

Deuteranopia

74, 31.060, 71.994



Tritanopia
74, 25.232, 5.795

Trichromacy



Original Color
74, 32.112, 65.766

Protanomaly
74, 27.485, 82.631

Deuteranomaly
74, 31.472, 69.663

Tritanomaly
74, 23.770, 31.678

Monochromacy



Original Color
74, 32.112, 65.766

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 11.020, 66.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.112, 65.766 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 172, 129)` looks like.

```
.text, #text, p{  
    color:rgb(223, 172, 129)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 172, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 172, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.112, 65.766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

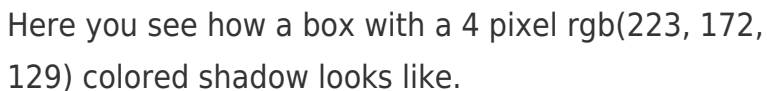
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 172, 129) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 172, 129) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(223, 172, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 172, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 172, 129); box-shadow:4px 4px 4px 4px rgb(223, 172, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.112, 65.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 172, 129) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
172, 129) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor